RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: *10/081,455*

Source: _____

Date Processed by STIC: _____

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RAW SEQUENCE LISTING   DATE: 06/01/2005
PATENT APPLICATION: US/10/081,455   TIME: 14:29:34

Input Set : **N:\Crf3\RULE60\10081455.raw**
Output Set: **N:\CRF4\06012005\J081455.raw**

SEQUENCE LISTING
```
 3 (1) GENERAL INFORMATION:
 5      (i) APPLICANT: Paulson, James C.
 6                     Bayer, Robert J.
 7                     Sjoberg, Eric
 9     (ii) TITLE OF INVENTION: Practical In Vitro Sialylation of
10                             Recombinant Glycoproteins
12    (iii) NUMBER OF SEQUENCES: 1
14     (iv) CORRESPONDENCE ADDRESS:
15          (A) ADDRESSEE: Townsend and Townsend and Crew LLP
16          (B) STREET: Two Embarcadero Center, Eighth Floor
17          (C) CITY: San Francisco
18          (D) STATE: California
19          (E) COUNTRY: USA
20          (F) ZIP: 94111-3834
22      (v) COMPUTER READABLE FORM:
23          (A) MEDIUM TYPE: Floppy disk
24          (B) COMPUTER: IBM PC compatible
25          (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26          (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28     (vi) CURRENT APPLICATION DATA:
C--> 29        (A) APPLICATION NUMBER: US/10/081,455
C--> 30        (B) FILING DATE: 21-Feb-2002
31          (C) CLASSIFICATION:
33    (vii) PRIOR APPLICATION DATA:
W--> 34        (A) APPLICATION NUMBER: US/09/007,741
35          (B) FILING DATE: 15-JAN-1998
W--> 36        (A) APPLICATION NUMBER: US 60/035,710
37          (B) FILING DATE: 16-JAN-1997
39   (viii) ATTORNEY/AGENT INFORMATION:
40          (A) NAME: Smith, Timothy L.
41          (B) REGISTRATION NUMBER: 35,367
42          (C) REFERENCE/DOCKET NUMBER: 014137-011210US
44     (ix) TELECOMMUNICATION INFORMATION:
45          (A) TELEPHONE: (415) 576-0200
46          (B) TELEFAX: (415) 576-0300
49 (2) INFORMATION FOR SEQ ID NO: 1:
51      (i) SEQUENCE CHARACTERISTICS:
52          (A) LENGTH: 50 amino acids
53          (B) TYPE: amino acid
54          (C) STRANDEDNESS:
55          (D) TOPOLOGY: linear
57     (ii) MOLECULE TYPE: peptide
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60      (ix) FEATURE:
61            (A) NAME/KEY: Modified-site
62            (B) LOCATION: 43..44
63            (D) OTHER INFORMATION: /product= "OTHER"
64 /note= "Xaa at positions 43 and 44
65 may be present or absent"
68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 70     Arg Cys Ala Val Val Ser Ser Ala Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
71          1               5                   10                  15
73          Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
74                  20                      25                  30
 / 76       Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Val Gly Ser
77                  35                      40                  45
79          Lys Thr
80              50
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/01/2005
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
Seq#:1; Xaa Pos.30,31,32,33,34,35,36,37,38,39,40,41,42,43,44

VERIFICATION SUMMARY   DATE: 06/01/2005
PATENT APPLICATION: **US/10/081,455**   TIME: 14:29:35

Input Set : **N:\Crf3\RULE60\10081455.raw**
Output Set: **N:\CRF4\06012005\J081455.raw**

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1